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October 14, 2005

Mr. Dale Radford
Sonoma County Environmental Health Department
475 Aviation Boulevard, Suite 220
Santa Rosa, California 95403

Subject: **Third Quarter 2005 Groundwater Monitoring Report**
Pellini Chevrolet
6877 Sebastopol Avenue
Sebastopol, California
Apex Project No. PEL01.002

Dear Mr. Radford:

Apex Envirotech, Inc (Apex), has been authorized by Pellini Chevrolet (Pellini) to provide this report documenting the results of groundwater monitoring. This report covers third quarter groundwater sampling conducted on August 10, 2005. Groundwater monitoring results are provided in the attached figures and tables. Apex standard operating procedures, field data, and analytical results are provided as appendices.

This report is based in part, on information obtained by Apex from Pellini, and is subject to modification as newly acquired information may warrant.

BACKGROUND

April 20, 1987 - Kleinfelder, Inc. (Kleinfelder) removed three underground storage tanks (UST) from the subject property. Subsequent to the UST removal, Kleinfelder installed six monitoring wells at the subject property.

May 17, 1988 - Herzog reported the results of three monitoring well installations and associated activities in a report, *Supplemental Site Contamination Assessment*.

March 20, 1990 - Details of a pump test performed by Chemical Processors, Inc. of Berkley, California can be found in the document *Groundwater Investigation*. Chemical Processors, Inc. modified extraction well EW-1 and performed a pump test on the improved EW-1. Results of the pump test indicated a sustainable flow rate of 25-gallons per minute and a hydraulic gradient of 0.0014 to 0.0020 feet per foot. In the soil type indicated, this leads to an estimated groundwater flow of 1055 feet per year.

July 1992 - Trans Tech Consultants (TTC) of Santa Rosa, California was retained by Pellini to conduct extraction, treatment, and injection of hydrocarbon contaminated groundwater. From July 1992 through August 1994, only groundwater extraction well EW-1 was utilized due to air permit restrictions. Groundwater was extracted from EW-1 at a flow rate of approximately four gpm for eight hours per day. From August of 1994 through the fourth quarter of 1997, both extraction wells (EW-1 and EW-2) were used to extract groundwater at a combined rate of eight gpm. Extracted groundwater was passed through an air stripper, subjected to granular activated carbon filtration, and re-injected back into the groundwater through injection wells IW-1 and IW-2. The total cumulative flow of treated groundwater was not reported by TTC. Groundwater extraction was ceased in the fourth quarter of 1997 due to declining concentrations of hydrocarbons.

February 1993 - Groundwater remediation was supplemented by soil vapor extraction from monitoring wells MW-1 through MW-5 and MW-9. TTC estimated that by mid August of 1994, approximately 385 gallons of hydrocarbon product had been removed from the soil beneath the subject property using resin bed adsorption technology.

December 1994 - TTC installed a catalytic oxidizing unit to destroy hydrocarbon contamination contained in the soil vapors extracted from beneath the subject property. The catalytic oxidizer operated from April of 1995 through the fourth quarter of 1997. Vapor extraction was ceased due to low influent concentrations.

April 4, 1997, October 31, 1997, and May 2, 1998. - Groundwater samples were collected from monitoring wells MW-3, MW-4, and MW-10. Results of the groundwater analysis are presented in the TTC report, *Project Update, April 1997 through September 1998*, dated October 9, 1998. No active remediation or groundwater sampling was conducted between October 9, 1998 and July 29, 1999.

January 30 and 31, 2001 - Apex personnel conducted a soil vapor extraction (SVE) pilot test at the site. Soil vapor concentrations and flow rates were found to be conducive to soil vapor extraction as a remedial alternative. In a report, *Soil Vapor Extraction Pilot Test & Updated Final Remediation Plan Results Report*, dated April 9, 2001, Apex proposed SVE, coupled with air sparging as the most feasible and cost-effective means of remediation for this site.

May 10, 2002 - The Sacramento County Environmental Health Department (SCEHD) requested a workplan for the installation of a SVE/Air Sparging (AS) remediation system at the site. On June 12, 2002, Apex submitted a workplan describing the installation of a SVE/AS system at the site. The SCEHD approved the workplan in a letter dated August 1, 2002.

November 14, 2002 - Apex personnel supervised the installation of three air sparge wells (AS-1 through AS-3)

May 2003 - Apex completed the installation of the SVE/AS system at the site. On June 3, 2003, Apex started operation of the SVE and sparge system.

May 6, 2004 - Apex submitted to the SCEHD a report, *Annual 2004 Groundwater Monitoring, Remediation Status Report*, recommending that the SVE/AS system be shut down and a "No Further Action" letter be issued for the site.

May 17, 2004 - The SCEHD sent a review letter stating that they could not concur with the recommendations of "No Further Action" at this time, and requesting a revised workplan to address the clean up of the residual groundwater contamination at the site.

May 20, 2004 - Apex and the SCEHD, via telephone, concurred that the current SVE/AS system should be shut down immediately, as the influent concentrations no longer warranted its operation. Also, Apex and the SCEHD concurred that additional work would be required in the vicinity of well MW-3. Apex then contacted Pellini Chevrolet and requested that they shut down the SVE/AS system.

July 28, 2004 - Apex submitted a workplan, *Workplan for Monitoring Well Reconstruction, Additional Monitoring Well Destructions and Remediation System Decommissioning*.

August 3, 2004 - The SCEHD approved the workplan for the reconstruction of one 2-inch diameter groundwater monitoring well (MW-3) into a 4-inch diameter well (MW-3A), the destruction of eight groundwater monitoring wells (MW-4, MW-6 through MW-9, MW-11 through MW-13), two injection wells (IW-1 and IW-2), and one extraction well (EW-2) and the decommission of the SVE/AS system.

June through August 2005 - Apex personnel supervised the approved destruction and reconstruction activities. Apex is currently preparing a results report detailing analytical results and field activities.

GENERAL SITE INFORMATION

Site name: Pellini Chevrolet
Site address: 6877 Sebastopol Avenue, Sebastopol, California
Current property owner: Harold Pellini
Current site use: Auto repair/auto sales
Current phase of project: Groundwater monitoring
Tanks at site: None
Number of wells: 4 onsite monitoring wells, 1 extraction well

GROUNDWATER MONITORING SUMMARY

Gauging and sampling date: August 10, 2005
Wells gauged and sampled: MW-3A
Wells gauged only: MW-1, MW-2, MW-5 and EW-1
Groundwater flow direction: N/A
Groundwater gradient: N/A
Floating liquid hydrocarbons: None
Laboratory: California Laboratory Services, Inc., Rancho Cordova, California

Analysis Performed:

Analysis	Abbreviation	Designation	USEPA Method No.
Total Petroleum Hydrocarbons as Gasoline	TPHg	Aromatic Hydrocarbons	8015 Modified
Benzene	BTEX	Aromatic Volatile Organics	8021B
Toluene			
Ethylbenzene			
Xylenes (Total)			
Tertiary Butyl Alcohol	TBA	Five Fuel Oxygenates	8260B
Methyl Tertiary Butyl Ether	MTBE		
Di-isopropyl Ether	DIPE		
Ethyl Tertiary Butyl Ether	ETBE		
Tertiary Amyl Methyl Ether	TAME		

Modifications from Standard Monitoring Program:

Wells MW-1, MW-2, MW-5 and EW-1 were dry, and therefore groundwater samples were not collected

REMEDIATION SYSTEM SUMMARY:

Soil Vapor Extraction System

The SVE system was shut down on May 20, 2004.

CONCLUSIONS

On August 3, 2005, MW-3 was overdrilled and reconstructed as a 4-inch diameter groundwater monitoring well (MW-3A). The well was completed to a total depth of 50-feet bgs and screened from 35- to 50-feet bgs. Deepening of MW-3 allowed for proper development and purging of the well. The sample collected from well MW-3A contained detectable concentrations of benzene and MTBE at 0.71 micrograms per liter (ug/L) and 2.1 ug/L, respectively. All other wells gauged were dry.

Groundwater elevations increased an average 1.94 feet this sampling event compared with the last sampling event.

RECOMMENDATIONS

Apex recommends continued monitoring to confirm benzene and MTBE concentrations in well MW-3A. Apex recommends that post-remedial monitoring continue on a quarterly basis for one year from system shutdown to check for potential rebound of contaminants in the remaining wells. Upon completion of post-remedial monitoring, the concentrations of petroleum hydrocarbons in the remaining wells do not increase, Apex will then request that "No Further Action" status be granted for the site. The next sampling event is scheduled for December 2005.

ADDITIONAL ACTIVITIES PERFORMED AT SITE

None

APPENDICES:

Figure 1: Site Vicinity Map

Figure 2: Site Plan Map

Table 1: Well Construction Details

Table 2: Groundwater Elevation Data

Table 3: Groundwater Analytical Data

Appendix A: Apex Standard Operating Procedures

Appendix B: Field Data Sheets

Appendix C: Laboratory analytical Reports and Chain-of-Custody Forms

REPORT DISTRIBUTION

A copy of this report was submitted to:

Regulatory Oversight: Mr. Dale Radford
Sonoma County Environmental Health Department
475 Aviation Boulevard, Suite 220
Santa Rosa, California 95403
(707) 565-6565

Ms. Jan Goebel
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403
(877) 721-9203

Responsible Party: Mr. Pete Pellini
Pellini Chevrolet
6877 Sebastopol Avenue
Sebastopol, California 95472
(707) 823-4700

REMARKS AND SIGNATURES

The interpretations and/or conclusions contained in this report represent our professional opinions. These opinions are based on currently available information and were developed in accordance with currently accepted geologic, hydrogeologic, and engineering practices at this time and for this specific site.

The work described herein was performed under the direct supervision of the professional geologist, registered with the State of California, whose signature appears below

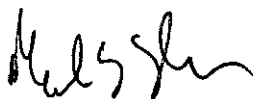
We appreciate the opportunity to provide Pellini Chevrolet with geologic, engineering and environmental consulting services and trust this report meets your needs. If you have any questions or concerns, please call us at (916) 851-0174.

Sincerely,

APEX ENVIROTECH, INC.



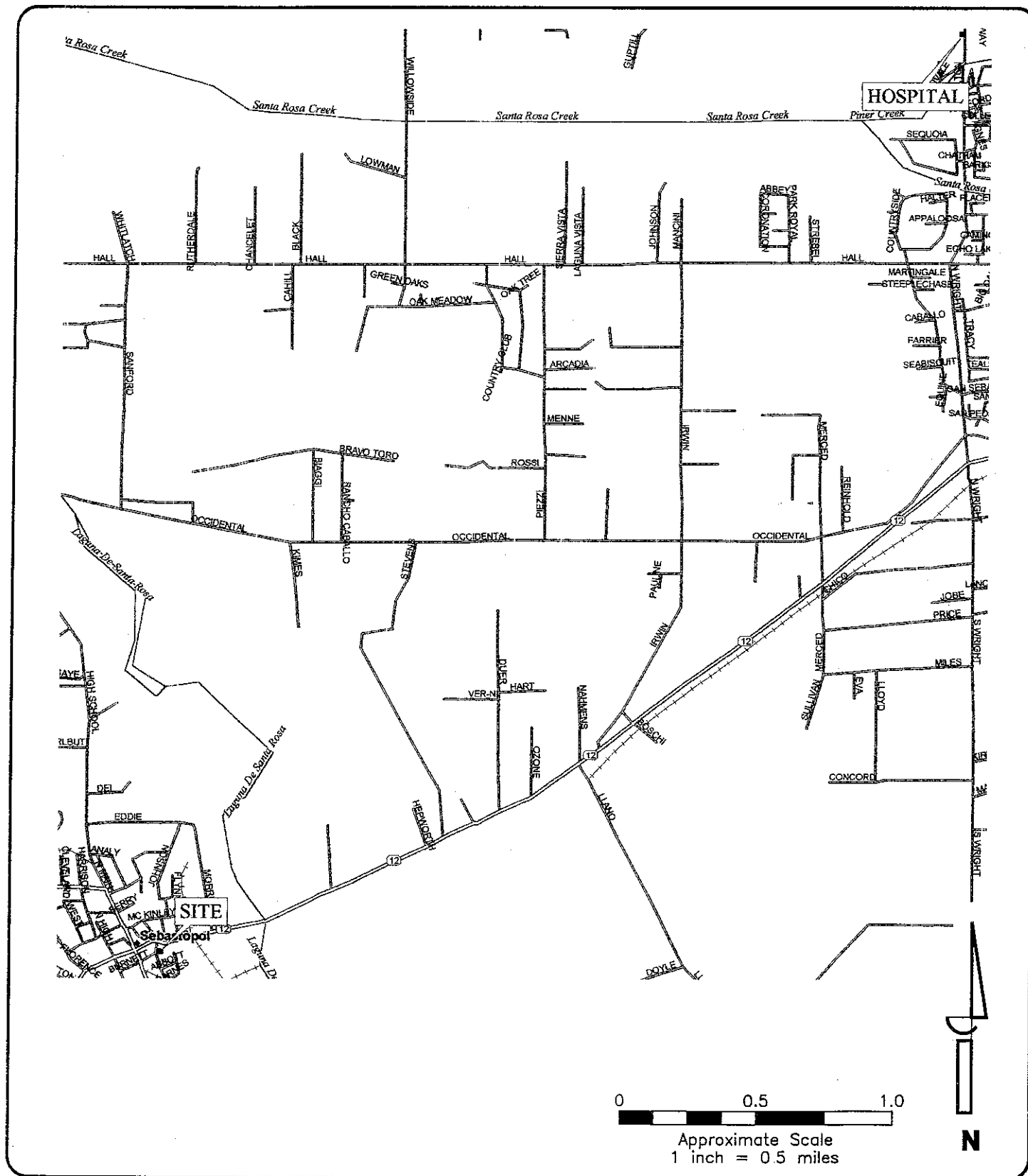
Rebekah A. Westrup
Project Manager




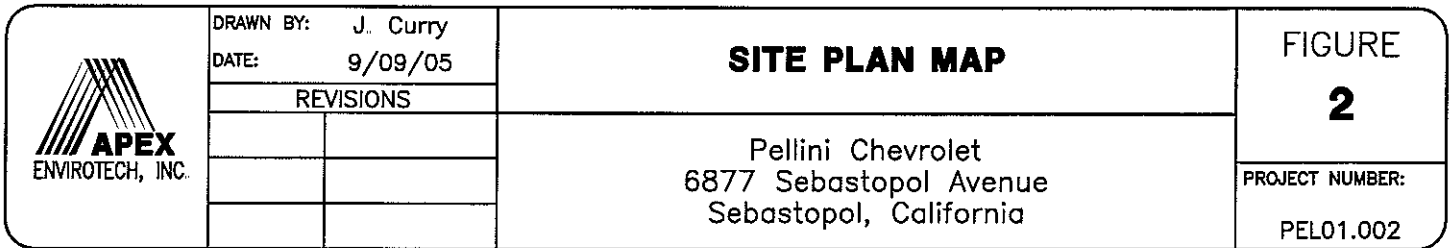
Michael S. Sgourakis, R.G.
Senior Project Manager
C.R.G. 7194



FIGURES



	DRAWN BY: D. Alston DATE: 03/23/01	SITE VICINITY MAP	FIGURE 1
	REVISIONS		
		Pellini Chevrolet 6877 Sebastopol Avenue Sebastopol, California	PROJECT NUMBER: PEL01.002



TABLES

TABLE 1
WELL CONSTRUCTION DETAILS

Pellini Chevrolet
6877 Sebastopol Avenue
Sebastopol, California

Well Number	Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Casing Diameter (inches)	Screened Interval (feet)	Filter Pack Interval (feet)
MW-1	1987	78.74	PVC	32.4	32.4	2	---	---
MW-2	1987	79.23	PVC	34.5	34.5	2	---	---
MW-3	1987	78.76	PVC	28.2	28.2	2	---	---
MW-3A	8/3/05		PVC	50	50	4	35 - 50	34 - 50
MW-4	1987	78.50	PVC	27.9	27.9	2	---	---
MW-5	1987	78.78	PVC	29.5	29.5	2	---	---
MW-6	1987	77.25	PVC	32	32	2	---	---
MW-7	1988	76.11	PVC	33.53	33.53	2	---	---
MW-8	1988	77.98	PVC	32	32	2	---	---
MW-9	1988	78.34	PVC	45.2	45.2	4	---	---
MW-10	by 1997?	76.62	PVC	40.6	40.6	2	---	---
MW-11	---	78.34	PVC	37	37	2	---	---
MW-12	---	79.56	PVC	33.69	33.69	2	---	---
MW-13	---	79.16	PVC	40	40	2	---	---
EW-1	?	79.20	PVC	---	---	6	---	---
EW-2	?	78.27	PVC	36	36	6	---	---
IW-1	by 1992	76.33	PVC	37	37	4	---	---
IW-2	by 1992	76.47	PVC	30.5	30.5	4	---	---
AS-1	11/14/02	N/A	PVC	43	43	1	---	---
AS-2	11/14/02	N/A	PVC	43	43	1	---	---
AS-3	11/14/02	N/A	PVC	43	43	1	---	---

Notes:

- - No data found
- TOC - Top of Casing
- PVC - Polyvinyl Chloride
- EW - Extraction Well
- IW - Injection Well
- Kleinfelder, Inc. installed MW-1 through MW-6
- Herzog installed MW-7 through MW-9
- Chemical Processors, Inc. modified EW-1 in 1990
- MW-3 was reconstructed into MW-3A
- Grayed wells were destroyed June 13-16 and August 3 2005 by Apex Envirotech Inc

TABLE 2
GROUNDWATER ELEVATION DATA
Pellini Chevrolet
6877 Sebastopol Avenue, Sebastopol, California
(All measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)*	Depth to Groundwater	Groundwater Elevation
MW-1	7/29/99	77.83	21.69	56.14
	5/31/00		21.92	55.91
	5/29/01		24.90	52.93
	6/26/02	78.74	27.96	50.78
	6/27/03		28.73	50.01
	12/16/03		31.81	46.93
	3/25/04		28.34	50.40
	8/10/05		dry	dry
MW-2	7/29/99	78.31	22.20	56.11
	5/31/00		22.44	55.87
	5/29/01		25.80	52.51
	6/26/02	79.23	28.56	50.67
	6/27/03		29.33	49.90
	12/16/03		32.60	46.63
	3/25/04		31.04	48.19
	8/10/05		dry	dry
MW-3	7/29/99	77.89	16.68	61.21
	5/31/00		22.03	55.86
	5/29/01		25.10	52.79
	6/26/02	78.76	---	---
	6/27/03		27.20	50.69
	12/16/03		dry	dry
	3/25/04		26.25	52.51
	8/10/05		33.28	45.48
MW-3A				
MW-4	7/29/99	77.60	21.67	55.93
	5/31/00		21.89	55.71
	5/29/01		26.50	51.10
	6/26/02	78.50	blocked	blocked
	6/27/03		dry	dry
	12/16/03		dry	dry
	3/25/04		dry	dry
	8/10/05		destroyed	
MW-5	7/29/99	77.83	21.88	55.95
	5/31/00		22.05	55.78
	5/29/01		24.16	53.67
	6/26/02	78.78	28.23	50.55
	6/27/03		29.03	49.75
	12/16/03		blocked	blocked
	3/25/04		30.20	48.58
	8/10/05		dry	dry

TABLE 2
GROUNDWATER ELEVATION DATA
Pellini Chevrolet
6877 Sebastopol Avenue, Sebastopol, California
(All measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)*	Depth to Groundwater	Groundwater Elevation
MW-6	7/29/99	76.70	20.97	55.73
	5/31/00		20.66	56.04
	5/29/01		24.55	52.15
	6/26/02	77.25	27.18	50.07
	6/27/03		28.00	49.25
	12/16/03		blocked	blocked
	3/25/04		29.44	47.81
	8/10/05		destroyed	
MW-7	7/29/99	75.75	19.85	55.90
	5/31/00		19.49	56.26
	5/29/01		22.20	53.55
	6/26/02	76.11	25.87	50.24
	6/27/03		26.69	49.42
	12/16/03		blocked	blocked
	3/25/04		28.16	47.95
	8/10/05		destroyed	
MW-8	7/29/99	77.46	21.72	55.74
	5/31/00		21.59	55.87
	5/29/01		24.50	52.96
	6/26/02	77.98	28.15	49.83
	6/27/03		29.03	48.95
	12/16/03		dry	dry
	3/25/04		30.48	47.50
	8/10/05		destroyed	
MW-9	7/29/99	77.45	21.64	55.81
	5/31/00		21.84	55.61
	5/29/01		25.18	52.27
	6/26/02	78.34	28.13	50.21
	6/27/03		25.98	52.36
	12/16/03		32.57	45.77
	3/25/04		30.67	47.67
	8/10/05		destroyed	
MW-10	7/29/99	76.62	20.78	55.84
	5/31/00		NM	NA
	5/29/01		destroyed	destroyed
MW-11	7/29/99	77.43	21.67	55.76
	5/31/00		21.93	55.50
	5/29/01		25.87	51.56
	6/26/02	78.34	28.25	50.09
	6/27/03		29.12	49.22
	12/16/03		32.90	45.44
	3/25/04		30.86	47.48
	8/10/05		destroyed	

TABLE 2
GROUNDWATER ELEVATION DATA
Pellini Chevrolet
6877 Sebastopol Avenue, Sebastopol, California
(All measurements in feet)

Monitoring Well	Date	Reference Elevation (top of casing)*	Depth to Groundwater	Groundwater Elevation
MW-12	7/29/99	78.65	22.26	56.39
	5/31/00		22.50	56.15
	5/29/01		25.06	53.59
	6/26/02	79.56	28.17	51.39
	6/27/03		28.89	50.67
	12/16/03		32.11	47.45
	3/25/04		30.78	48.78
	8/10/05		destroyed	
MW-13	7/29/99	78.21	22.25	55.96
	5/31/00		22.04	56.17
	5/29/01		24.60	53.61
	6/26/02	79.16	27.78	51.38
	6/27/03		28.45	50.71
	12/16/03		31.43	47.73
	3/25/04		30.12	49.04
	8/10/05		destroyed	
EW-1	8/10/05	79.20	Dry	Dry

NOTES:

NA -Not Applicable

* -Elevations from mean sea level by Morrow Surveying 10/01

TABLE 3
GROUNDWATER ANALYTICAL DATA
Pellini Chevrolet
6877 Sebastopol Avenue, Sebastopol, California

Sample ID	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				Fuel Oxygenates 8260B				
			Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	DIPE (ug/L)	ETBE (ug/L)	MTBE (ug/L)	TAME (ug/L)	TBA (ug/L)
MW-1	7/29/99	140	0.7	5.3	0.9	11	<5.0	<5.0	2.1	<5.0	<10
	5/31/00a	23,000	1,500	3,700	390	5,100	<50	<50	<50	<50	<200
	5/31/00c	19,000	1,600	4,400	300	5,000	<5.0	<5.0	<5.0	<5.0	<50
	5/30/01	130	5.5	8.0	<0.50	31	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	800	130	92	17	150	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05	dry									
MW-2	7/29/99	850	24	13	9.4	10	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	230	0.99	0.67	1.9	2.1	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	230	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/30/01	250	<0.50	5.6	1.7	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	1,100	1.0	<0.50	2.5	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	64	<0.50	0.77	2.9	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05	dry									
MW-3	7/29/99	40,000	2,400	4,600	1,400	12,000	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	98,000	9,000	16,000	2,300	18,000	<250	<250	<250	<250	<1,000
	5/31/00c	70,000	7,000	13,000	1,800	10,000	<5.0	<5.0	<5.0	<5.0	<50
	5/30/01	72	3.2	5.0	<0.50	20	<5.0	<5.0	<5.0	<5.0	<50
	6/26/2002*	4,700	<5.0	<5.0	<5.0	1,600	12	<5.0	<5.0	<5.0	680
	6/27/2003*	68,000	7,300	12,000	1,100	14,000	<12	<12	<12	<12	<250
	12/16/2003*	dry									
	3/25/2004*	68,000	9,500	18,000	960	8,400	21	<0.50	<0.50	<0.50	<5.0
	8/10/05	<50	0.71	<0.50	<0.50	<1.0	<0.50	<0.50	2.1	<0.50	<5.0
MW-4	7/29/99	1,150,000	8,700	6,600	28,000	19,000	<5.0	<5.0	2.3	<5.0	<10
	5/31/00a	420	2.1	8.8	5.8	3.5	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	150	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	820	<0.50	20	1.7	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	well blocked									
	6/27/03	dry									
	12/16/03	dry									
	3/25/04	dry									
	8/10/05	destroyed									
MW-5	7/29/99	85	<0.5	0.6	1.3	3.6	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	6,100	78	<5.0	170	130	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	5,600	64	<50	160	120	<50	<50	<50	<50	<500
	5/30/01	370	<0.50	5.6	2.1	2.3	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	2,000	<0.50	3.6	0.63	5.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	80	1.2	4.3	<0.50	4.6	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	well blocked									
	3/25/04	insufficient water									
	8/10/05	dry									

TABLE 3
GROUNDWATER ANALYTICAL DATA
Pellini Chevrolet
6877 Sebastopol Avenue, Sebastopol, California

Sample ID	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				Fuel Oxygenates 8260B				
			Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	DIPE (ug/L)	ETBE (ug/L)	MTBE (ug/L)	TAME (ug/L)	TBA (ug/L)
MW-6	7/29/99	220	97.0	3.9	0.6	1.4	<5.0	<5.0	2.4	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	88	<0.50	1.4	2.2	1.7	<0.50	<0.50	3.9	<0.50	<10
	12/16/03	well blocked									
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
MW-7	7/29/99	<50	1.5	<0.5	<0.5	<0.5	<5.0	<5.0	2.1	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	11	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	6.2	<5.0	<50
	5/29/01	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	15	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	well blocked									
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
MW-8	7/29/99	99	14	2.0	<0.5	<0.5	<5.0	<5.0	4.0	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	3.5	<0.50	<10
	12/16/03	dry									
	3/31/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	0.97	<0.50	<5.0
MW-9	7/29/99	2,300	15	25	9.8	8.0	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	190	1.1	9.1	<0.50	62	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	180	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	760	<0.50	16	1.5	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	81	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	3/25/04	<50	<0.50	2.5	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
MW-10	7/29/99	340	<0.5	17	0.9	2.2	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/31/00c	---	NS	NS	NS	NS	NS	NS	NS	NS	NS
	5/29/01		destroyed								
MW-11	7/29/99	120	2.8	0.9	<0.5	0.5	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	<50	0.73	2.1	<0.50	1.9	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	300	<0.50	3.7	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	74	<0.50	0.92	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05		destroyed								

TABLE 3
GROUNDWATER ANALYTICAL DATA
Pellini Chevrolet
6877 Sebastopol Avenue, Sebastopol, California

Sample ID	Date Collected	TPH as Gasoline (ug/L)	Aromatic Volatile Organics				Fuel Oxygenates 8260B				
			Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)	DIPE (ug/L)	ETBE (ug/L)	MTBE (ug/L)	TAME (ug/L)	TBA (ug/L)
MW-12	7/29/99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	2.8	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	0.58	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
MW-13	8/10/05		destroyed								
	7/29/99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	9.6	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	5/29/01	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
EW-1	3/25/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	1.1	<0.50	<5.0
	8/10/05		destroyed								
	7/29/99	740	15	11	10	11	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	420	1.7	14	1.8	3.0	<5.0	<5.0	<5.0	<5.0	78
	5/31/00c	510	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	80	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	390	<0.50	4.7	5.3	1.9	<0.50	<0.50	<0.50	<0.50	<10
	12/16/03	---	---	---	---	---	---	---	---	---	---
EW-2	3/25/04	<50	<0.50	1.5	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05		dry								
	7/29/99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	2.1	<5.0	<10
	5/31/00a	200	3.4	2.5	11	6.6	<5.0	<5.0	<5.0	<5.0	93
	5/31/00c	51	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	6/26/02	<50	<0.50	<0.50	<0.50	<1.0	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	---	---	---	---	---	---	---	---	---	---
	12/16/03	---	---	---	---	---	---	---	---	---	---
IW-1	3/31/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05		destroyed								
	7/29/99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	59	<0.50	1.3	<0.50	2.4	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	<5.0	<5.0	<10	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	---	---	---	---	---	---	---	---	---	---
	12/16/03	well blocked	---	---	---	---	---	---	---	---	---
	3/31/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
IW-2	8/10/05		destroyed								
	7/29/99	<50	<0.5	<0.5	<0.5	<0.5	<5.0	<5.0	<2.0	<5.0	<10
	5/31/00a	<50	<0.50	<0.50	<0.50	<0.50	<5.0	<5.0	<5.0	<5.0	<20
	5/31/00c	<50	<5.0	13	<5.0	18	<5.0	<5.0	<5.0	<5.0	<50
	6/27/03	---	---	---	---	---	---	---	---	---	---
	12/16/03	well blocked	---	---	---	---	---	---	---	---	---
	3/31/04	<50	<0.50	<0.50	<0.50	<1.0	<0.50	<0.50	<0.50	<0.50	<5.0
	8/10/05		destroyed								

NOTES:

a Acculabs data
c CLS data
< Less than indicated laboratory detection limit.
--- Not analyzed
[1] Not sampled due to change from carbon drums to carbon vessels
" Insufficient water to properly purge well grab sample only

DIPE Di-isopropyl ether
ETBE Ethyl Tertiary Butyl Ether
TAME Tertiary Amyl Methyl Ether
MTBE Methyl tert Butyl Ether
TBA Tertiary Butyl Alcohol

APEX ENVIROTECH, INC.
THIRD QUARTER 2005
PEL01 002

APPENDIX A

APEX STANDARD OPERATING PROCEDURES

APEX ENVIROTECH, INC.
STANDARD OPERATING PROCEDURES
Quarterly Monitoring Reports

SOP – 4

SAMPLE IDENTIFICATION AND CHAIN-OF-CUSTODY PROCEDURES

Sample identification and chain-of-custody procedures ensure sample integrity as well as document sample possession from the time of collection to ultimate disposal. Each sample container submitted for analysis is labeled to identify the job number, date, time of sample collection, a sample number unique to the sample, any in-field measurements made, other pertinent field observations also recorded on the field excavation or boring logs.

Chain-of-custody forms are used to record possession of the sample from time of collection to arrival at the laboratory. During shipment, the person with custody of the samples will relinquish them to the next person by signing the chain-of-custody form(s) and noting the date and time. The sample control officer at the laboratory will verify sample integrity, correct preservation, confirm collection in the proper container(s), and ensure adequate volume for analysis.

If these conditions are met, the samples will be assigned unique laboratory log numbers for identification throughout analysis and reporting. The log numbers will be recorded on the chain-of-custody forms and in the legally-required log book maintained in the laboratory. The sample description, date received, client's name, and any other relevant information will also be recorded.

SOP – 5
LABORATORY ANALYTICAL QUALITY ASSURANCE AND CONTROL

In addition to routine instrument calibration, replicates, spikes, blanks, spiked blanks, and certified reference materials are routinely analyzed at method-specific frequencies to monitor precision and bias. Additional components of the laboratory Quality Assurance/Quality Control program include:

- 1 Participation in state and federal laboratory accreditation/certification programs;
- 2 Participation in both U.S. EPA Performance Evaluation studies (WS and WP studies) and inter-laboratory performance evaluation programs;
- 3 Standard operating procedures describing routine and periodic instrument maintenance;
- 4 "out-of-Control"/Corrective Action documentation procedures; and
- 5 Multi-level review of raw data and client reports

SOP – 7

GROUNDWATER PURGING AND SAMPLING

Prior to water sampling, each well is purged by evacuating a minimum of three wetted well-casing volumes of groundwater. When required, purging will continue until either the discharge water temperature, conductivity, or pH stabilize, a maximum of ten wetted-casing volumes of groundwater have been recovered, or the well is bailed dry.

When practical, the groundwater sample should be collected when the water level in the well recovers to at least 80 percent of its static level.

The sampling equipment consists of either a "Teflon" bailer, PVC bailer, or stainless steel bladder pump with a "Teflon" bladder. If the sampling system is dedicated to the well, then the bailer is usually "Teflon," but the bladder pump is PVC with a polypropylene bladder. In general and depending on the intended laboratory analysis, 40-milliliter glass, volatile organic analysis (VOA) vials, with "Teflon" septa, are used as sample containers.

SOP – 12
MEASURING LIQUID LEVELS USING WATER LEVEL METER OR INTERFACE PROBE

Field equipment used for liquid-level gauging typically includes the measuring instrument (water-level meter or interface probe and product bailer(s)). The field kit also includes cleaning supplies (buckets, solution, spray bottles, and deionized water) to be used in cleaning the equipment between wells.

Prior to measurements, the instrument tip is lowered into the well until it touches bottom. Using the previously established top-of-casing or top-of-box (i.e., wellhead vault) point, the probe cord (or halyard) is marked and a measuring tape (graduated in hundredths of a foot) is used to determine the distance between the probe end and the marking on the cord. This measurement is then recorded on the liquid-level data sheet as the "Measured Total Depth" of the well.

When necessary in using the interface probe to measure liquid levels, the probe is first electrically grounded to either the metal stove pipe or another metal object nearby. When no ground is available, reproducible measurements can be obtained by clipping the ground lead to the handle of the interface probe case.

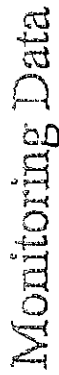
The probe tip is then lowered into the well and submerged in the groundwater. An oscillating (beeping) tone indicates the probe is in water. The probe is slowly raised until either the oscillating tone ceases or becomes a steady tone. In either case, this is the depth-to-water (DTW) indication of the DTW measurement is made accordingly. The steady tone indicates floating liquid hydrocarbons (FLH). In this case, the depth-to-product (DTP) indication and the DTP measurement is made accordingly.

The process of lowering and raising the probe must be repeated several times to ensure accurate measurements. The DTW and DTP measurements are recorded on the liquid-level data sheet. When FLH are indicated by the probe's response, a product bailer is lowered partially through the FLH water interface to confirm the FLH thickness, particularly in cases where the FLH layer is quite thin. This measurement is recorded on the data sheet as "FLH thickness."

In order to avoid cross-contamination of wells during the liquid-level measurement process, wells are measured in the order of "clean" to "dirty" (where such information is available). In addition, all measurement equipment is cleaned with solution and thoroughly rinsed with deionized water before use, between measurements in respective wells, and at the completion of the day's use.

APPENDIX B

FIELD DATA SHEETS



1301

Project Number:

Date:

Recorded By:

[illegible]

TEMPH.XLS

4197

APPENDIX C

**LABORATORY ANALYTICAL REPORT AND
CHAIN-OF-CUSTODY FORM**

CALIFORNIA LABORATORY SERVICES

CHAIN OF CUSTODY

CLS ID. NO.

2440489

Report To:

Name and Address

Apex Envirotech, Inc.

11244 Pyrites Wy., Gold River, CA 95670

Project Manager

Rebekah Westrup

Project Name

Pellini Chevrolet

Sampled By

[Signature]

Job Description

3rd qtr groundwater sampling

Site Location

6877 Sebastopol Ave. Sebastopol

Client Job Number

PEL01.002-QM

Destination Laboratory



CLS (916) 638-7301

3249 Fitzgerald Road

Rancho Cordova, CA

95742

www.californialab.com

☐ OTHER

ANALYSIS REQUESTED

T	B	S
P	T	O
H	E	X
g	8	0
1	5	0
2	0	
6		
0		

PRESERVATIVES



MATRIX	NO.	TYPE
water	3	VOA
water	3	VOA
water	3	VOA
water	3	VOA
water	3	VOA

DATE	TIME	SAMPLE IDENTIFICATION	FIELD ID.
		MW-1	MW-1
		MW-2	MW-2
		MW-3	MW-3
		MW-5	MW-5
		EW-1	EW-1

SUSPECTED CONSTITUENTS

RELINQUISHED BY (Signature)

PRINT NAME/COMPANY

DATE/TIME

SAMPLE RETENTION TIME

PRESERVATIVES (1) HCL (2) HNO₃ (3) COLD (4)

QUOTE#

INVOICE TO:

PO#

PRINT NAME/COMPANY

CONDITIONS/COMMENTS:

AIR BILL #

SHIPPED BY:

☐ FED EX ☐ UPS ☐ OTHER

RECEIVED AT LAB BY:

DATE/TIME: 8-10-05 / 1:00

8/10/05 1:00

8/10/05 1:00

8/10/05 1:00

8/10/05 1:00

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

August 19, 2005

CLS Work Order #: COH0489
COC #: No Number

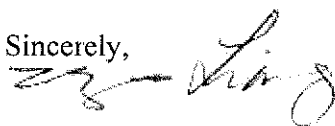
Rebekah Westrup
APEX Envirotech Inc. - Gold River
11244 Pyrites Way
Gold River, CA 95670

Project Name: Pellini Chevrolet

Enclosed are the results of analyses for samples received by the laboratory on 08/12/05 10:00. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in black ink, appearing to read 'James Liang', written over the word 'Sincerely,'.

James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

08/19/05 11:09

APEX Envirotech Inc - Gold River
11244 Pyrites Way
Gold River, CA 95670

Project: Pellini Chevrolet
Project Number: PEL01.002-QM
Project Manager: Rebekah Westrup

CLS Work Order #: COH0489

Gas/BTEX by GC PID/FID

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (COH0489-01) Water Sampled: 08/10/05 12:05 Received: 08/12/05 10:00									
Gasoline	ND	50	µg/L	1	CO06127	08/12/05	08/12/05	8015M/8021B	
Benzene	0.71	0.50	"	"	"	"	"	"	
Toluene	ND	0.50	"	"	"	"	"	"	
Ethylbenzene	ND	0.50	"	"	"	"	"	"	
Xylenes (total)	ND	1.0	"	"	"	"	"	"	

Surrogate o-Chlorotoluene (Gas)

94.0 %

65-135

"

"

"

"

CALIFORNIA LABORATORY SERVICES

08/19/05 11:09

APEX Envirotech Inc. - Gold River
11244 Pyrites Way
Gold River, CA 95670

Project: Pellini Chevrolet
Project Number: PEL01 002-QM
Project Manager: Rebekah Westrup

CLS Work Order #: COH0489

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 (COH0489-01) Water Sampled: 08/10/05 12:05 Received: 08/12/05 10:00									
Di-isopropyl ether	ND	0.50	µg/L	1	CO06178	08/17/05	08/17/05	EPA 8260B	
Ethyl tert-butyl ether	ND	0.50	"	"	"	"	"	"	
Methyl tert-butyl ether	2.1	0.50	"	"	"	"	"	"	
tert-Amyl methyl ether	ND	0.50	"	"	"	"	"	"	
tert-butyl alcohol	ND	5.0	"	"	"	"	"	"	
<i>Surrogate Toluene-d8</i>									
		88.5 %	72-125		"	"	"	"	

CALIFORNIA LABORATORY SERVICES

08/19/05 11:09

APEX Envirotech Inc - Gold River
11244 Pyrites Way
Gold River, CA 95670

Project: Pellini Chevrolet
Project Number: PEL01 002-QM
Project Manager: Rebekah Westrup

CLS Work Order #: COH0489

Gas/BTEX by GC PID/FID - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch CO06127 - EPA 5030 Water GC										
Blank (CO06127-BLK1)				Prepared & Analyzed: 08/12/05						
Gasoline	ND	50	µg/L							
Benzene	ND	0.50	"							
Toluene	ND	0.50	"							
Ethylbenzene	ND	0.50	"							
Xylenes (total)	ND	1.0	"							
Surrogate: o-Chlorotoluene (BTEX)	19.6		"	20.0		98.0	65-135			
Surrogate: o-Chlorotoluene (Gas)	19.4		"	20.0		97.0	65-135			
LCS (CO06127-BS1)				Prepared & Analyzed: 08/12/05						
Gasoline	511	50	µg/L	500		102	65-135			
Surrogate: o-Chlorotoluene (Gas)	20.6		"	20.0		103	65-135			
LCS Dup (CO06127-BSD1)				Prepared & Analyzed: 08/12/05						
Gasoline	484	50	µg/L	500		96.8	65-135	5.43	30	
Surrogate: o-Chlorotoluene (Gas)	20.0		"	20.0		100	65-135			
Matrix Spike (CO06127-MS1)				Source: COH0489-01	Prepared & Analyzed: 08/12/05					
Gasoline	445	50	µg/L	500	ND	89.0	65-135			
Surrogate: o-Chlorotoluene (Gas)	20.3		"	20.0		102	65-135			
Matrix Spike Dup (CO06127-MSD1)				Source: COH0489-01	Prepared & Analyzed: 08/12/05					
Gasoline	440	50	µg/L	500	ND	88.0	65-135	1.13	30	
Surrogate: o-Chlorotoluene (Gas)	20.1		"	20.0		100	65-135			

CA DOHS ELAP Accreditation/Registration Number 1233

CALIFORNIA LABORATORY SERVICES

08/19/05 11:09

APEX Envirotech Inc. - Gold River
11244 Pyrites Way
Gold River, CA 95670

Project: Pellini Chevrolet
Project Number: PEL01 002-QM
Project Manager: Rebekah Westrup

CLS Work Order #: COH0489

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CO06178 - EPA 5030 Water MS

Blank (CO06178-BLK1)

Prepared & Analyzed: 08/17/05

Di-isopropyl ether	ND	0.50	µg/L							
Ethyl tert-butyl ether	ND	0.50	"							
Methyl tert-butyl ether	ND	0.50	"							
tert-Amyl methyl ether	ND	0.50	"							
Tert-butyl alcohol	ND	5.0	"							
Surrogate Toluene-d8	8.83		"	10.0		88.3	72-125			

LCS (CO06178-BS1)

Prepared & Analyzed: 08/17/05

Methyl tert-butyl ether	20.4	0.50	µg/L	20.0		102	52-130			
Surrogate Toluene-d8	9.23		"	10.0		92.3	72-125			

LCS Dup (CO06178-BSD1)

Prepared & Analyzed: 08/17/05

Methyl tert-butyl ether	21.6	0.50	µg/L	20.0		108	52-130	5.71	30	
Surrogate Toluene-d8	9.28		"	10.0		92.8	72-125			

CA DOHS ELAP Accreditation/Registration Number 1233

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CALIFORNIA LABORATORY SERVICES

08/19/05 11:09

APEX Envirotech Inc. - Gold River
11244 Pyrites Way
Gold River, CA 95670

Project: Pellini Chevrolet
Project Number: PEL01 002-QM
Project Manager: Rebekah Westrup

CLS Work Order #: COH0489

Notes and Definitions

DEI	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference